



Specs

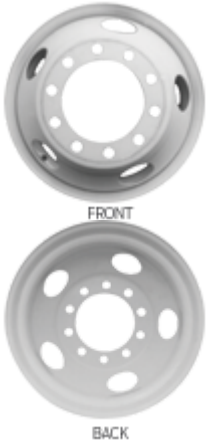
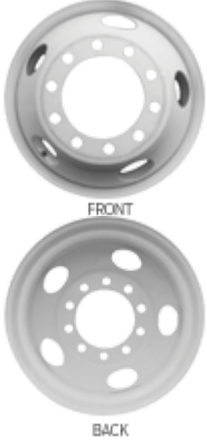
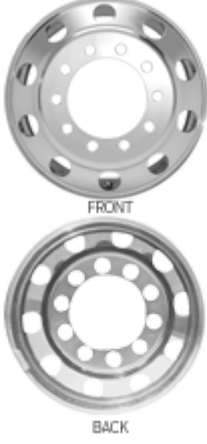
Use the menu on the left — or the Menu button on your smartphone — to select and view information related to wheels, exterior colors and interior trim. Key product specifications include vehicle dimensions and capacities, detailed engine information, transmission gear ratios and more.

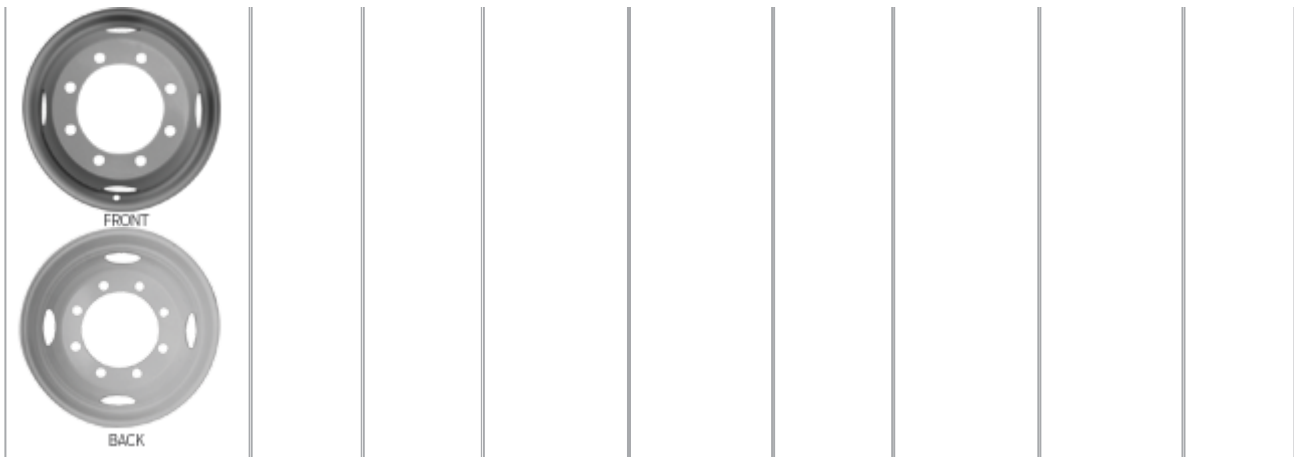


Wheels

Specs

Wheel	Order Code (Front/Rear)	F-650 Pro Loader	F-650 Straight Frame	F-750 Straight Frame	F-650 Pro Loader	F-650 Straight Frame	F-750 Straight Frame	F-650/F-750 Tractor
19.5" x 6.75" 8-hole Powder-coated White  FRONT  BACK	645/665	Standard	Optional	—	Standard	Optional	—	—
19.5" x 7.5" 10-hole Polished Aluminum  FRONT  BACK	642/662	—	—	—	Optional	Optional	—	—
19.5" x 7.5" 10-hole Powder-coated White	646/666	—	—	—	Optional	Optional	—	—

 FRONT BACK								
22.5" x 7.5" 10-hole Powder-coated White	647/667	—	Standard	Standard	—	Standard	Standard	Standard
 FRONT BACK								
22.5" x 8.25" 10-hole Polished Aluminum	644/664	—	Optional	Optional	—	Optional	Optional	Optional
 FRONT BACK								
22.5" x 8.25" 10-hole Powder-coated White	643/663	—	Optional	Optional	—	Optional	Optional	Optional



NOTE: 19.5-inch wheels are not available on F-750 models. See the latest Dealer Ordering Guide for wheel availability.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

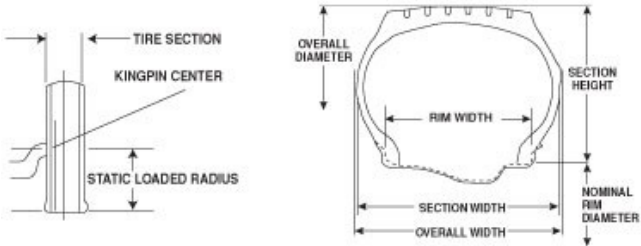
Aspect Ratio

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Tire Terminology

Defined as: Section Height divided by Section Width

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

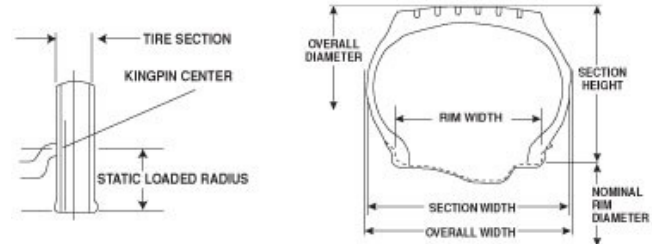


Rim Width

[Specs](#) > Tire Terminology

Linear distance between the flanges of the rim.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

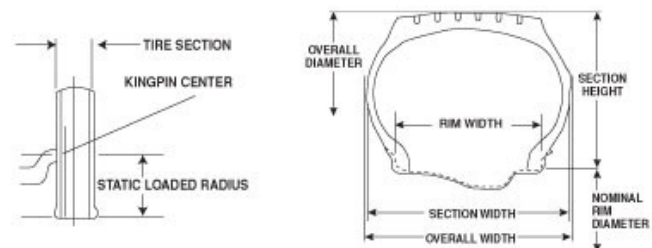


Static Loaded Radius

[Specs](#) > Tire Terminology

Distance from wheel axle centerline to supporting tread surface at a given load and inflation pressure in a static condition.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

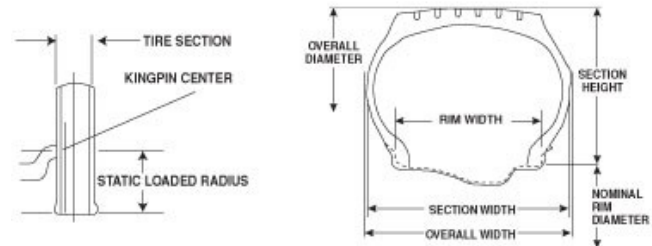


Tire (Overall) Width

[Specs](#) > Tire Terminology

Width of a new tire, including 24-hour inflation growth, and including protective side ribs, bars and decorations.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

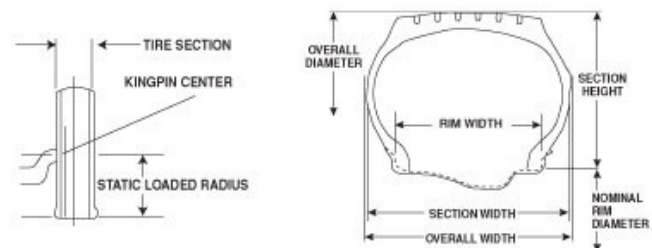


Tire Section

[Specs](#) > Tire Terminology

Linear distance between outside of sidewalls of inflated tire, exclusive of decorations, markings or borders.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

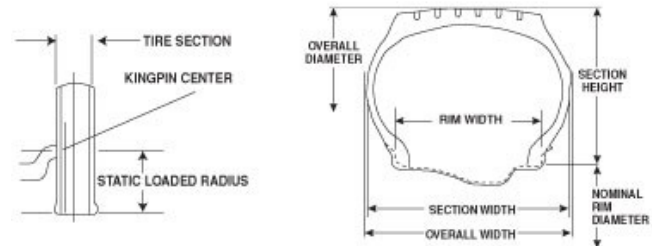


Section Height

[Specs](#) > Tire Terminology

Half the difference between the overall diameter and the nominal rim diameter.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

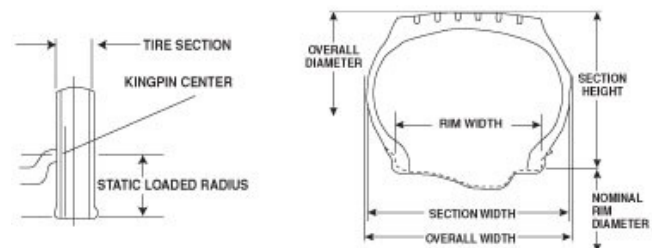


Overall Diameter

[Specs](#) > Tire Terminology

Diameter of an inflated tire at the outermost surface of the tread, including 24-hour inflation growth.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

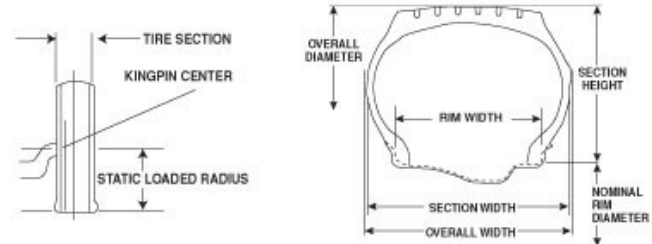


Size Factor

[Specs](#) > Tire Terminology

Sum of the tire width and overall diameter of an inflated tire.

NOTE: For product features, please see Models & Packages
and/or the Dealer Ordering Guide for availability.

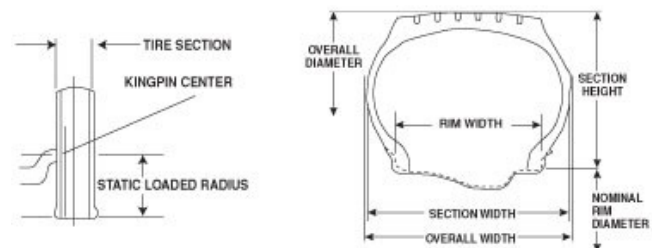


Revolutions per Mile

[Specs](#) > Tire Terminology

Measured number of revolutions for a tire traveling one mile.
This can vary with speed, load and inflation.

NOTE: For product features, please see Models & Packages
and/or the Dealer Ordering Guide for availability.

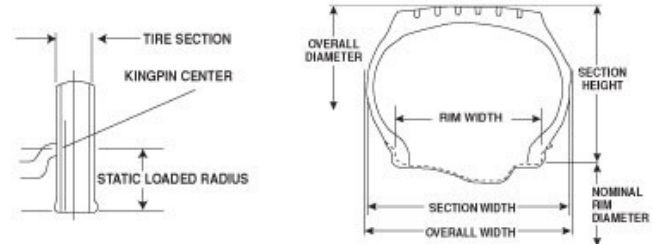


Tread Width

[Specs](#) > Tire Terminology

Distance across tread from shoulder to shoulder.

NOTE: For product features, please see Models & Packages
and/or the Dealer Ordering Guide for availability.

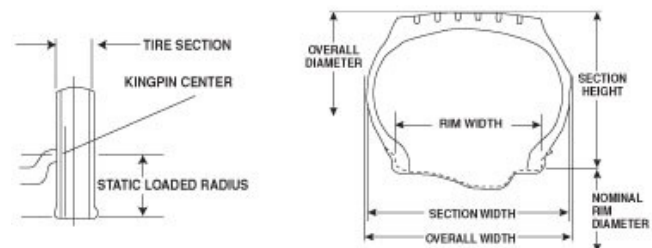


Width Loaded

[Specs](#) > Tire Terminology

Tire width (overall) under rated load conditions.

NOTE: For product features, please see Models & Packages
and/or the Dealer Ordering Guide for availability.

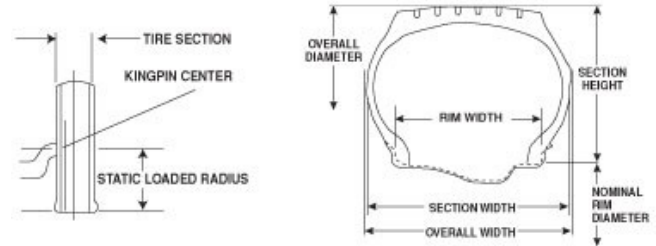


Minimum Dual Spacing

[Specs](#) > Tire Terminology

Minimum dual tire centerline to centerline measurement.

NOTE: For product features, please see Models & Packages
and/or the Dealer Ordering Guide for availability.



Color Availability

Specs

Exterior Color	Order Code	Gasoline			Diesel				
		F-650 Pro Loader	F-650 Straight Frame	F-750 Straight Frame	F-650 Pro Loader	F-650 Straight Frame	F-750 Straight Frame	F-650 Tractor	F-750 Tractor
Blue Jeans ⁽¹⁾	N1	■	■	■	■	■	■	■	■
Bold Yellow	LE	■	■	■	■	■	■	■	■
Caribou ⁽¹⁾	H5	■	■	■	■	■	■	■	■
Green Gem ⁽¹⁾	W6	■	■	■	■	■	■	■	■
Ingot Silver ⁽¹⁾	UX	■	■	■	■	■	■	■	■
Magnetic ⁽¹⁾	J7	■	■	■	■	■	■	■	■
Oxford White	YZ	■	■	■	■	■	■	■	■
Race Red	PQ	■	■	■	■	■	■	■	■
School Bus Yellow	B1	■	■	■	■	■	■	■	■
Shadow Black	G1	■	■	■	■	■	■	■	■
Tangier Orange	J8	■	■	■	■	■	■	■	■

(1) Metallic paint.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Instrument Cluster

Specs

Please refer to the owner manual for instrument cluster information.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Fuel Tanks

Specs

- All gasoline engine models feature a single left-side- mounted steel tank
 - 50-gallon tank is standard on Regular Cab and SuperCab
 - 60-gallon tank is standard on F-650 Crew Cab and optional on all other models
- All diesel engine models feature a single left-side- mounted aluminum tank
 - 50-gallon tank is standard on Regular Cab
 - 55-gallon tank is optional on Regular Cab F-650/F-750 Straight Frame and Tractor models
 - 65-gallon tank is standard on SuperCab and Crew Cab and optional on Regular Cab
- Diesel engine models also offer a dual tank with 115-gallon capacity (65-gallon left side, 50-gallon right side) for longer distances between fill-ups
 - Dual fuel tanks use a selector valve (switch is in cab) for equalization

Gasoline Fuel Tank Capacities				
Capacity (gal.)	Tank Type	Ordering Code	Tank Label Capacity (gal.)	Tank Usable Capacity (gal.)
50	Steel, single, left-hand, rectangular	65A	50	47
60	Steel, single, left-hand, rectangular	65D	60	59
Diesel Fuel Tank Capacities				
Capacity (gal.)	Tank Type	Ordering Code	Tank Label Capacity (gal.)	Tank Usable Capacity (gal.)
50	Aluminum, single, left-hand, rectangular	65B	50	47
55	Aluminum, single, left-hand, D-shape	65C	56	53
65	Aluminum, single, left-hand, rectangular	65E	65	61
115	Aluminum, dual rectangular	65F	65/56 (left/right)	61/53 (left/right)

NOTE: See the latest Body Builders Layout Book for fuel tank mounting and locations.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Cab Configurations

Specs

Regular Cab

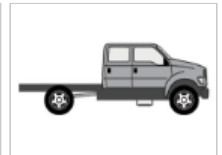
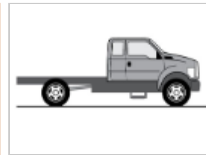
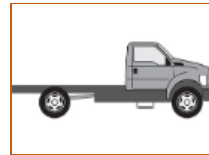
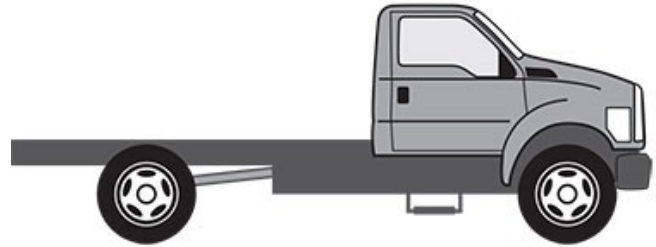
146"/72" — 281"/207" Wheelbases/
Cab-to-Rear-Axle Dimensions⁽¹⁾

SuperCab

167"/72" — 281"/186" Wheelbases/
Cab-to-Rear-Axle Dimensions⁽¹⁾

Crew Cab

182"/72" — 278"/168" Wheelbases/
Cab-to-Rear-Axle Dimensions⁽¹⁾



(1) Includes tractor models.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Frame Strength Considerations

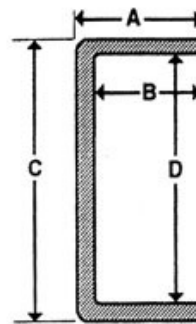
[Specs](#) > Frame Terms

In considering frame strength, three major design criteria must be evaluated in order to make a correct frame selection.

1. The shape and dimensional characteristics (cross-section) of the frame. (Section Modulus)
2. The characteristics of the material used in construction of the frame. (Yield Strength)
3. The overall result of the shape, dimensional and material characteristics. (Resisting Bending Moment)

These three areas are discussed next with some important definitions

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.



$$t = A - B = \frac{C - D}{2} = \text{Flange Thickness}$$

$$SM = \frac{AC^3 - BD^3}{6C} = \text{Section Modulus}$$

$$RBM = \text{Yield Strength} \times SM$$

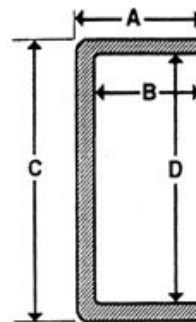
1. Shape and Dimensional Characteristics

[Specs](#) > Frame Terms

SM (Section Modulus) — A measure of frame strength and rigidity determined by the shape, thickness, flange width and depth of the side rails and reinforcements, if used (see figure).

Section Modulus is expressed in cubic inches (cu. in.). In comparing frames made of the same material, the frame with the greatest Section Modulus is the strongest.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.



$$t = A - B = \frac{C - D}{2} = \text{Flange Thickness}$$

$$SM = \frac{AC^3 - BD^3}{6C} = \text{Section Modulus}$$

$$RBM = \text{Yield Strength} \times SM$$

2. Material Characteristics

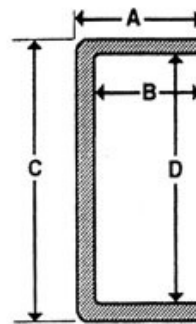
[Specs](#) > Frame Terms

Yield Strength — *The maximum load that can be applied to a material before permanent deformation occurs.*

This means, in effect, the maximum load that will allow the material to return to its original shape after the load is removed. The Yield Strength of frames — expressed in pounds per square inch (psi) — is a characteristic of the materials used in their construction, e.g., carbon steel, high-tensile steel, etc.

Since Yield Strength is a measurement of the material characteristics, it is an assigned number that can be retrieved from a table. Typical frame Yield Strength ranges from 50,000 to 125,000 psi.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.



$$t = A - B = \frac{C - D}{2} = \text{Flange Thickness}$$

$$SM = \frac{AC^3 - BD^3}{6C} = \text{Section Modulus}$$

$$RBM = \text{Yield Strength} \times SM$$

3. Combination of Shape, Dimensional and Material Characteristics

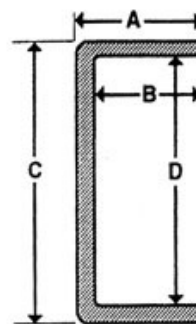
[Specs](#) > Frame Terms

RBM (Resisting Bending Moment) — *The maximum bending moment that a particular frame configuration can support without permanent deformation or failure.*

It is a calculated value used to compare frames of differing composition and Section Modulus. It is obtained by multiplying Section Modulus by Yield Strength and is expressed in inch-pounds (in.-lbs.). In comparing frames made of unlike materials, the frame with the highest RBM has the most strength.

It should be noted that when a frame is constructed of two different materials, the lower Yield Strength is used to compute RBM.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.



$$t = A - B = \frac{C - D}{2} = \text{Flange Thickness}$$

$$SM = \frac{AC^3 - BD^3}{6C} = \text{Section Modulus}$$

$$RBM = \text{Yield Strength} \times SM$$

Computing Frame Strength

[Specs](#) > Frame Terms

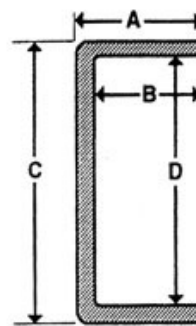
The formulas for Flange Thickness, Section Modulus and Resisting Bending Moment for a full "C" channel are to the right..

Dimensions Affecting Strength and Resisting Bending Moment

Section Modulus (SM) is not the complete measure of frame strength. Yield Strength of the material also needs to be factored in.

- Ford steel frames come in a variety of Yield Strengths ranging from 50,000 to 120,000 psi
- High-tensile strength frames (120,000 psi) are available to provide load support for more demanding applications without adding the additional weight of a reinforcement
- In some cases, the use of thicker, bulkier double-channel frames may interfere with the "packaging" of other equipment or components
- Remember that to obtain the overall measure of frame strength, it is necessary to multiply the Section Modulus by the Yield Strength. The resulting value, expressed in inch-pounds (in.-lbs.), is the Resisting Bending Moment (RBM). RBM is the best measure of comparing overall strength between different frames
- Frames need to be strongest where stress is concentrated. For example, in highway tractors this is typically near the centerline of the rear axle, or trunnion for tandem axle trucks, while in dump trucks it is just behind the cab
- Normally, stresses are much less at the ends of the frame compared to the span between front and rear axles
- This is why variable-depth frames are the correct choice for many applications; the frame is strong where it needs to be strong without needlessly adding cost and weight

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.



$$t = A - B = \frac{C - D}{2} = \text{Flange Thickness}$$

$$SM = \frac{AC^3 - BD^3}{6C} = \text{Section Modulus}$$

$$RBM = \text{Yield Strength} \times SM$$

Frame Rail Specifications

Specs

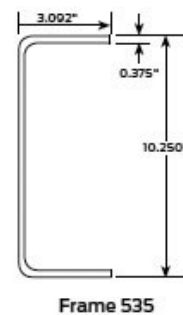
Code	Side Rail Dimensions (in.)			Yield Strength Min. (psi)	Section Modulus Max. (cu. in.)	Resisting Bending Moment Max. (in.-lbs.)	GVWR Max. (lbs.)
	Depth	Width	Thickness				
533	9.125	3.062	0.312	80,000	10.75	860,000	29,000
537	9.125	3.062	0.312	80,000	10.75	860,000	26,000
534	10.125	3.062	0.312	50,000	12.64	632,000	29,000
536	10.125	3.580	0.312	120,000	14.18	1,702,000	29,000 – 37,000
535	10.250	3.092	0.375	80,000	15.14	1,211,000	29,000 – 37,000
539	10.375	3.705	0.438	120,000	20.11	2,413,000	37,000
41R	10.876	3.892	0.312	120,000	29.20	3,504,000	37,000

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

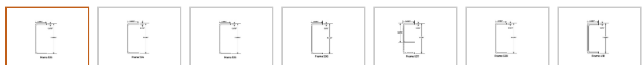
Frame Rail Cross Sections

Specs

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.



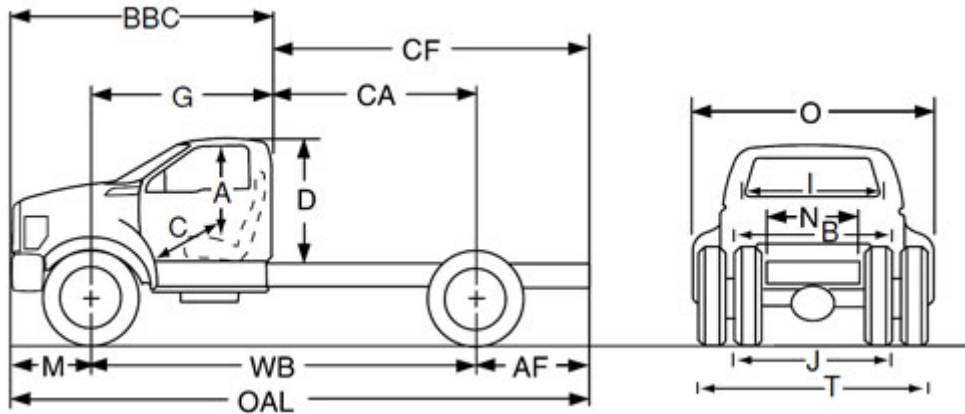
Frame 535



Regular Cab Chassis

[Specs](#) > Dimensions

Body Dimensions⁽¹⁾



		Tractor	Tractor	Straight Frame	Pro Loader Kick-up Frame	Straight Frame
Wheelbase (in.)		146.0	158.0	158.0	158.0	176.0
Code	Description					
CA	Back of Cab to C/L Rear Axle	72.0	84.0	84.0	84.0	102.0
AF	Axle to End of Frame	39.0	39.0	49.0	63.0	70.0
OAL	Overall Length	225.0	237.0	247.0	261.0	286.0
	Head Room	40.7	40.7	40.7	40.7	40.7
	Hip Room	67.6	67.6	67.6	67.6	67.6
	Max. Leg Room	41.4	41.4	41.4	41.4	41.4
D	Frame to Top of Cab (without marker lights)	56.7	56.7	56.7	56.7	56.7
BBC	Front Bumper to Back of Cab	114.4	114.4	114.4	114.4	114.4
G	C/L Front Axle to Back of Cab	74.1	74.1	74.1	74.1	74.1
	Shoulder Room	68.0	68.0	68.0	68.0	68.0
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	—/82.7	—/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.0	34.0	34.0	34.0	34.0
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T		97.6/—	97.6/—	97.6/94.3	97.6/94.3	97.6/94.3

Rear Tread Width — Max. Width 22.5"/19.5"					
--	--	--	--	--	--

(1) Dimensions are calculated estimates based on engineering measurements.

		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame
Wheelbase (in.)		182.0	182.0	194.0	194.0	200.0	212.0
Code	Description						
CA	Back of Cab to C/L Rear Axle	108.0	108.0	120.0	120.0	126.0	138.0
AF	Axle to End of Frame	70.0	75.0	75.0	75.0	75.0	81.0
OAL	Overall Length	292.0	297.0	309.0	309.0	315.0	333.0
	Head Room	40.7	40.7	40.7	40.7	40.7	40.7
	Hip Room	67.6	67.6	67.6	67.6	67.6	67.6
	Max. Leg Room	41.4	41.4	41.4	41.4	41.4	41.4
D	Frame to Top of Cab (without marker lights)	56.7	56.7	56.7	56.7	56.7	56.7
BBC	Front Bumper to Back of Cab	114.0	114.0	114.0	114.0	114.0	114.0
G	C/L Front Axle to Back of Cab	74.1	74.1	74.1	74.1	74.1	74.1
	Shoulder Room	68.0	68.0	68.0	68.0	68.0	68.0
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.0	34.0	34.0	34.0	34.0	34.0
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame
Wheelbase (in.)		218.0	218.0	224.0	230.0	242.0	242.0	260.0	281
Code	Description								
CA	Back of Cab to C/L Rear Axle	144.0	144.0	150.0	156.0	168.0	168.0	186.0	207.0
AF	Axle to End of Frame	81.0	81.0	87.0	87.0	100.0	93.0	120.0	120.0

OAL	Overall Length	339.0	339.0	351.0	357.0	382.0	382.0	420.0	441.0
A	Head Room	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
B	Hip Room	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
C	Max. Leg Room	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
D	Frame to Top of Cab (without marker lights)	56.7	56.7	56.7	56.7	56.7	57.0	57.0	57.0
BBC	Front Bumper to Back of Cab	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
G	C/L Front Axle to Back of Cab	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
I	Shoulder Room	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	—/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

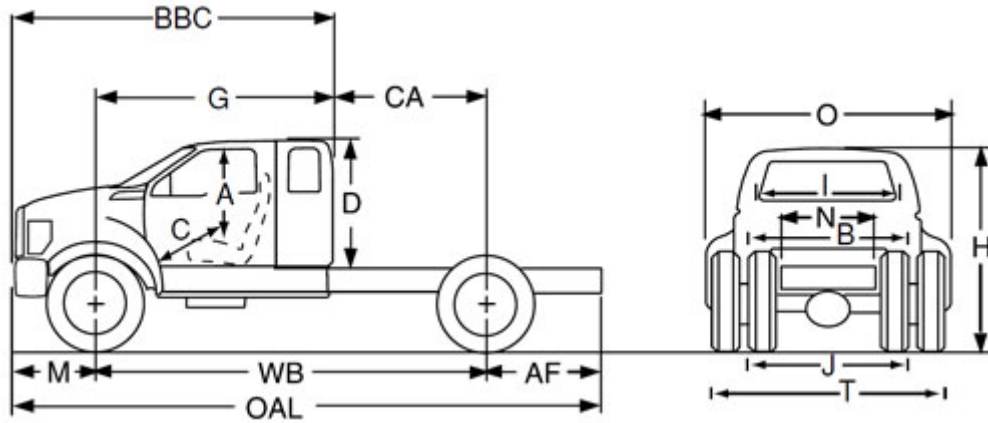
(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

SuperCab Chassis

[Specs](#) > Dimensions

Body Dimensions⁽¹⁾



		Tractor	Tractor	Straight Frame	Pro Loader Kick-up Frame	Straight Frame
Wheelbase (in.)		167.0	179.0	179.0	179.0	197.0
Code	Description					
CA	Back of Cab to C/L Rear Axle	72.0	84.0	84.0	84.0	102.0
AF	Axle to End of Frame	39.0	39.0	49.0	63.0	70.0
OAL	Overall Length	246.0	258.0	268.0	282.0	307.0
A	Head Room (Front/Rear)	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1
B	Hip Room (Front/Rear)	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3
C	Max. Leg Room (Front/Rear)	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6
D	Frame to Top of Cab (without marker lights)	56.9	56.9	56.9	56.9	56.9
BBC	Front Bumper to Back of Cab	135.4	135.4	135.4	135.4	135.4
G	C/L Front Axle to Back of Cab	95.0	95.0	95.0	95.0	95.0
I	Shoulder Room (Front/Rear)	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	—/82.7	—/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5

T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/—	97.6/—	97.6/94.3	97.6/94.3	97.6/94.3
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(1) Dimensions are calculated estimates based on engineering measurements.

		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		203.0	203.0	215.0	221.0	233.0
Code	Description					
CA	Back of Cab to C/L Rear Axle	108.0	108.0	120.0	126.0	138.0
AF	Axle to End of Frame	70.0	75.0	75.0	75.0	81.0
OAL	Overall Length	313.0	318.0	330.0	336.0	354.0
A	Head Room (Front/Rear)	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1
B	Hip Room (Front/Rear)	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3
C	Max. Leg Room (Front/Rear)	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6
D	Frame to Top of Cab (without marker lights)	56.9	56.9	56.9	56.9	56.9
BBC	Front Bumper to Back of Cab	135.4	135.4	135.4	135.4	135.4
G	C/L Front Axle to Back of Cab	95.0	95.0	95.0	95.0	95.0
I	Shoulder Room (Front/Rear)	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

		Pro Loader Kick-up and Straight Frame	Straight Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		239.0	245.0	251.0	263.0	281.0
Code	Description					
CA	Back of Cab to C/L Rear Axle	144.0	150.0	156.0	168.0	186.0

AF	Axle to End of Frame	81.0	87.0	87.0	100.0	120.0
OAL	Overall Length	360.0	372.0	378.0	403.0	441.0
A	Head Room (Front/Rear)	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1	40.7/38.1
B	Hip Room (Front/Rear)	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3	67.6/67.3
C	Max. Leg Room (Front/Rear)	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6	41.4/31.6
D	Frame to Top of Cab (without marker lights)	56.9	56.9	56.9	56.9	56.9
BBC	Front Bumper to Back of Cab	135.4	135.4	135.4	135.4	135.4
G	C/L Front Axle to Back of Cab	95.0	95.0	95.0	95.0	95.0
I	Shoulder Room (Front/Rear)	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1	68.0/68.1
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

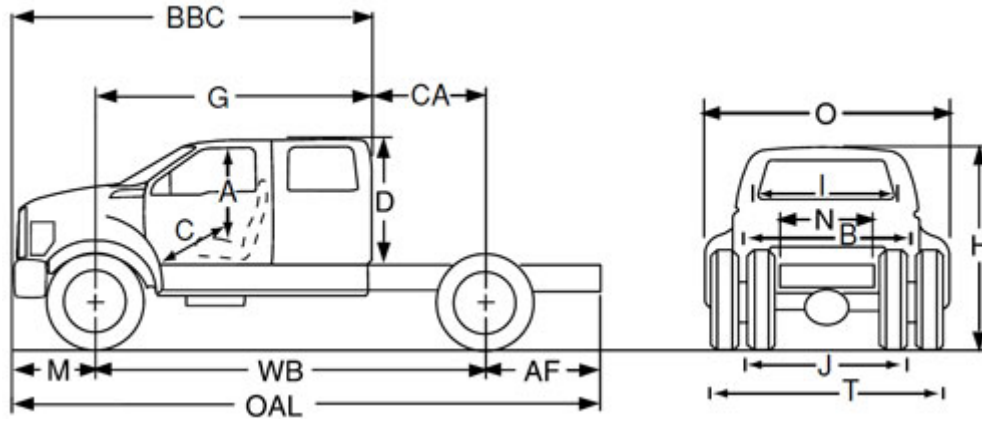
(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Crew Cab Chassis

[Specs](#) > Dimensions

Body Dimensions⁽¹⁾



		Tractor and Straight Frame	Straight Frame	Pro Loader Kick-up Frame	Straight Frame
Wheelbase (in.)		182.0	194.0	194.0	212.0
Code	Description				
CA	Back of Cab to C/L Rear Axle	72.0	84.0	84.0	102.0
AF	Axle to End of Frame	39.0/49.0	49.0	63.0	70.0
OAL	Overall Length	261/271	283.0	297.0	322.0
A	Head Room (Front/Rear)	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8
B	Hip Room (Front/Rear)	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6
C	Max. Leg Room (Front/Rear)	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1
D	Frame to Top of Cab (without marker lights)	57.4	57.4	57.4	57.4
BBC	Front Bumper to Back of Cab	149.9	149.9	149.9	149.9
G	C/L Front Axle to Back of Cab	109.5	109.5	109.5	109.5
I	Shoulder Room (Front/Rear)	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	—/82.7	—/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

		Straight Frame	Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		218.0	218.0	230.0	236.0	248.0
Code	Description					
CA	Back of Cab to C/L Rear Axle	108.0	108.0	120.0	126.0	138.0
AF	Axle to End of Frame	70.0	75.0	75.0	75.0	81.0
OAL	Overall Length	328.0	333.0	345.0	351.0	369.0
A	Head Room (Front/Rear)	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8
B	Hip Room (Front/Rear)	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6
C	Max. Leg Room (Front/Rear)	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1
D	Frame to Top of Cab (without marker lights)	57.4	57.4	57.4	57.4	57.4
BBC	Front Bumper to Back of Cab	149.9	149.9	149.9	149.9	149.9
G	C/L Front Axle to Back of Cab	109.5	109.5	109.5	109.5	109.5
I	Shoulder Room (Front/Rear)	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

		Pro Loader Kick-up Frame	Straight Frame	Straight Frame	Straight Frame	Straight Frame
Wheelbase (in.)		254.0	254.0	260.0	266.0	278.0
Code	Description					
CA	Back of Cab to C/L Rear Axle	144.0	144.0	150.0	156.0	168.0
AF	Axle to End of Frame	96.0	81.0	87.0	87.0	100.0
OAL	Overall Length	390.0	375.0	387.0	393.0	418.0
A	Head Room (Front/Rear)	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8	40.7/40.8
B	Hip Room (Front/Rear)	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6	67.6/67.6
C	Max. Leg Room (Front/Rear)	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1	41.4/42.1

D	Frame to Top of Cab (without marker lights)	57.4	57.4	57.4	57.4	57.4
BBC	Front Bumper to Back of Cab	149.9	149.9	149.9	149.9	149.9
G	C/L Front Axle to Back of Cab	109.5	109.5	109.5	109.5	109.5
I	Shoulder Room (Front/Rear)	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0	68.0/68.0
J	Front Tread Width (8.5k/10k) (all 8.5k axle except Tractor)	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7	84.0/82.7
M	Front Overhang	40.4	40.4	40.4	40.4	40.4
N	Width Between Frame Rails	34.1	34.1	34.1	34.1	34.1
O	Width Over Fenders	95.5	95.5	95.5	95.5	95.5
T	Rear Tread Width — Max. Width 22.5"/19.5" (tire outside width rear)	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3	97.6/94.3

(1) Dimensions are calculated estimates based on engineering measurements.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Total Curb Weights⁽¹⁾

2017 F-650/F-750 Super Duty Chassis
Cabs

Specs

Series	Cab Style	Wheelbase Range (in.)	Total Curb Weight (lbs.) ⁽²⁾ Gas/Diesel
F-650 Pro Loader Kick-up Frame (Hydraulic)	Regular Cab	158	8748/9407
		182	8852/9511
		194	8886/9545
		218	8969/9626
		242	9154/9813
	SuperCab	179	9024/9683
		203	9108/9765
		239	9242/9901
	Crew Cab	194	9230/9889
		218	9303/9962
		254	9527/10,186
F-650 Pro Loader Kick-up Frame (Air)	Regular Cab	158	—/10,849
		182	—/10,953
		194	—/10,987
		218	—/11,070
		242	—/11,255
	SuperCab	179	—/11,125
		203	—/11,207
		239	—/11,343
	Crew Cab	194	—/11,331
		218	—/11,404
		254	—/11,628
F-650 Straight Frame (Hydraulic)	Regular Cab	158	9618/10,278
		176	9740/10,400
		182	9758/10,418
		194	9808/10,468
		200	9839/10,499
		212	9887/10,547

		218	9924/10,584	
		224	9978/10,638	
		230	9996/10,656	
		242	10,178/10,738	
		260 ⁽³⁾	10,173/10,833	
	Super Cab	179	9898/10,558	
		197	10,005/10,665	
		203	10,018/10,678	
		215	10,071/10,731	
		221	10,106/10,766	
		233	10,156/10,816	
		239	10,175/10,835	
		245	10,180/10,840	
		251	10,257/10,917	
		263 ⁽³⁾	10,314/10,974	
	Crew Cab	182	10,040/10,700	
		194	10,107/10,767	
		212	10,207/10,867	
		218	10,240/10,900	
		230	10,314/10,974	
		236	10,334/10,994	
		248	10,372/11,032	
		254 ⁽³⁾	10,391/11,051	
		260 ⁽³⁾	10,446/11,106	
		266 ⁽³⁾	10,463/11,123	
		278 ⁽³⁾	10,533/11,193	
	F-650 Straight Frame (Air)	Regular Cab	158	—/11,032
			176	—/11,154
			182	—/11,172
			194	—/11,222
			200	—/11,253
			212	—/11,301
			218	—/11,338

			224	—/11,392
			230	—/11,410
			242	—/11,492
			260 ⁽³⁾	—/11,587
		SuperCab	179	—/11,312
			197	—/11,419
			203	—/11,432
			215	—/11,485
			221	—/11,520
			233	—/11,570
			239	—/11,589
			245	—/11,594
			251	—/11,671
			263 ⁽³⁾	—/11,728
		Crew Cab	182	—/11,454
			194	—/11,521
			212	—/11,621
			218	—/11,654
			230	—/11,728
			236	—/11,748
			248	—/11,786
			254 ⁽³⁾	—/11,805
			260 ⁽³⁾	—/11,860
			266 ⁽³⁾	—/11,877
			278 ⁽³⁾	—/11,947
F-750 Straight Frame (Hydraulic)	Regular Cab		158	9748/10,408
			176	9891/10,551
			182	9912/10,572
			194	9971/10,631
			200	10,006/10,666
			212	10,064/10,724
			218	10,104/10,764
			224	10,165/10,825

		230	10,186/10,846
		242	10,281/10,941
		260	10,397/11,057
		281 with 539 frame	11,696/11,571
		281 with 536 frame and 41R	12,379/12,254
	SuperCab	179	10,040/10,700
		197	10,167/10,827
		203	10,184/10,844
		215	10,246/10,906
		221	10,285/10,945
		233	10,345/11,005
		239	10,367/11,027
		245	10,444/11,104
		251	10,459/11,119
		263	10,529/11,189
		281 with 539 frame	12,679/11,683
		281 with 536 frame and 41R	12,706/11,710
	Crew Cab	182	10,183/10,843
		194	10,257/10,917
		212	10,378/11,038
		218	10,414/11,074
		230	10,498/11,158
		236	10,521/11,181
		248	10,568/11,228
		254	10,590/11,250
		260	10,652/11,312
		266	10,672/11,332
F-750 Straight Frame (Air)	Regular Cab	158	—/11,242
		176	—/11,385
		182	—/11,406
		194	—/11,465
		200	—/11,500
		212	—/11,558

		218	—/11,598
		224	—/11,659
		230	—/11,680
		242	—/11,775
		260	—/11,891
		281 with 539 frame	—/12,405
		281 with 536 frame and 41R	—/13,088
	SuperCab	179	—/11,534
		197	—/11,661
		203	—/11,678
		215	—/11,740
		221	—/11,779
		233	—/11,839
		239	—/11,861
		245	—/11,938
		251	—/11,953
		263	—/12,023
		281 with 539 frame	—/12,517
		281 with 536 frame and 41R	—/12,544
	Crew Cab	182	—/11,677
		194	—/11,751
		212	—/11,872
		218	—/11,908
		230	—/11,992
		236	—/12,015
		248	—/12,062
		254	—/12,084
		260	—/12,146
		266	—/12,166
F-650 Tractor	Regular Cab	146	—/11,062
		158	—/11,147
	SuperCab	167	—/11,324
		179	—/11,504

	Crew Cab	182	—/11,573
F-750 Tractor	Regular Cab	146	—/11,274
		158	—/11,359
	SuperCab	167	—/11,536
		179	—/11,716
	Crew Cab	182	—/11,785

(1) Includes minimum required and standard equipment, water and oil.

(2) Calculated estimates based on engineering component weights — not actual vehicle weights.

(3) Not available with 533 frame.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Regular Chassis Cab (158" — 260" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		20,500/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	8500 lbs.	8500/10,000 lbs.
Rear Axle	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	Type	SPL-140	SPL-140
BRAKES:			
System	Type	Hydraulic, Split System, with Automatic Adjustment	
Front	Type	15.00" x 1.44" Cast Disc	
Rear	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	Rating	Denso SC5, 200 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	Dual, 750 CCA (1500 CCA Total)	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab	
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Aluminum	

STEERING:	Type	Integral Power, ZF/Bosch ZN4	
	Ratio	18.9:1 (8500-lbs. FGAWR w/9.5" frame); 18.8:1 (8500-lbs. FGAWR w/8.5" frame); 19.0:1 (10,000-lbs. FGAWR)	
SUSPENSION:			
Frame	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight “C” 50,000 PSI Steel
	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	Type	Multi-leaf	
	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Regular Cab Chassis Cab (146", 158" WB) — Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-650 Tractor	F-750 Tractor
GVWR (lbs.):		27,500/29,000	30,200/37,000
POWERTRAIN:		50-state certified	
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	10,000 lbs.	
Rear Axle	Type	Single Reduction, GenTech Quiet Gears with 190 Wheel Ends	Single Reduction, Open
	Capacity (Rating @ Ground)	17,500 lbs.	21,000 lbs.
Driveshaft	Type	SPL-140	
BRAKES:			
System	Type	Air brakes, Meritor Q-Plus with ABS	
Front	Type	15.0" x 4.0"	
Rear	Type	16.5" x 7.0"	
Anti-Lock System		Bendix® Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		Mechanical Spring-applied with Air Release	
ELECTRICAL:			
Alternator	Rating	Denso SC5, 200 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	Dual, 750 CCA (1500 CCA Total)	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single, Horizontal Muffler, Right-hand, Right Side Under Cab Outside Frame Rail with Rear, Underbody Exit, Switchback-style	
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	Type	Integral Power, ZF/Bosch ZN4	

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type, Single Channel 120,000 PSI Steel
	Section Modulus (cu. in.)	14.18
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	19,000 lbs. 21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply Rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply Rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Regular Chassis Cab (158" — 281" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/37,000
POWERTRAIN:		50-state certified
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)
Transmission	Type	Ford TorqShift Heavy-duty
	Speeds	6-speed Automatic Overdrive
Clutch	Type	None
	Diameter	—
Front Axle	Type	Dana I-beam Type
	Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	Type	Single Reduction, Open
	Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	Type	SPL-140
BRAKES:		
System	Type	Hydraulic, Split System, Automatic Adjustment
Front	Type	15.00" x 1.44" Cast Disc
Rear	Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	Rating	Denso SC5, 200 Amperes
Battery	Type	Motorcraft® 12-volt Maintenance-free
	Rating	Dual, 750 CCA (1500 CCA Total)
	Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Aluminum
STEERING:	Type	Integral Power, ZF/Bosch ZN4

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type Single Channel 80,000 PSI Steel
	Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000 lbs.
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

SuperCab Chassis Cab (179" — 263" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		20,500/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	Type	SPL-140	SPL-140
BRAKES:			
System	Type	Hydraulic, Split System, Automatic Adjustment	
Front	Type	15.00" x 1.44" Cast Disc	
Rear	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	Rating	Denso SC5, 200 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	Dual, 750 CCA (1500 CCA Total)	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab	
FUEL TANK:	Capacity	65.0-gallon, Single, LH Rectangular Aluminum	

STEERING:	Type	Integral Power, ZF/Bosch ZN4	
	Ratio	18.9:1 (8500-lbs. FGAWR w/9.5" frame); 18.8:1 (8500-lbs. FGAWR w/8.5" frame)	
SUSPENSION:			
Frame	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight “C” 50,000 PSI Steel
	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	Type	Multi-leaf	
	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

SuperCab Chassis Cab (167", 179" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-650 Tractor		F-750 Tractor	
GVWR (lbs.):		27,500/29,000		30,200/37,000	
POWERTRAIN:		50-state certified			
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)			
Transmission	Type	Ford TorqShift Heavy-duty			
	Speeds	6-speed Automatic Overdrive			
Clutch	Type	None			
	Diameter	—			
Front Axle	Type	Dana I-beam Type			
	Capacity (Rating @ Ground)	10,000 lbs.			
Rear Axle	Type	Single Reduction, GenTech Quiet Gears with 190 Wheel Ends		Single Reduction, Open	
	Capacity (Rating @ Ground)	17,500 lbs.		21,000 lbs.	
Driveshaft	Type	SPL-140			
BRAKES:					
System	Type	Air Brakes, Meritor Q-Plus with ABS			
Front	Type	15.0" x 4.0"			
Rear	Type	16.5" x 7.0"			
Anti-Lock System		Bendix® Four-channel Anti-Lock Braking System			
Parking Brake (Rear Brakes)		Mechanical Spring-applied with Air Release			
ELECTRICAL:					
Alternator	Rating	Denso SC5, 200 Amperes			
Battery	Type	Motorcraft® 12-volt Maintenance-free			
	Rating	Dual, 750 CCA (1500 CCA Total)			
	Box Location	Right Side Under Cab			
EXHAUST:	Type	Single, Horizontal Muffler, Right-hand, Right Side Under Cab Outside Frame Rail with Rear, Underbody Exit, Switchback-style			
FUEL TANK:	Capacity	65.0-gallon, Single, LH Rectangular Aluminum			
STEERING:	Type	Integral Power, ZF/Bosch ZN4			

	Ratio	19.0:1	
SUSPENSION:			
Frame	Type	Ladder Type, Single Channel — 120,000 PSI Steel	
	Section Modulus (cu. in.)	14.18	
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	10,000	
Springs, Rear	Type	Multi-leaf (includes 4500-lb. Auxiliary Rubber Spring)	
	Rating @ Ground (min.)	19,000 lbs.	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Goodyear G661 HSA	
	Size	11R22.5G (14-ply Rated)	
Rear	Type	Goodyear G661 HSA	
	Size	11R22.5G (14-ply Rated)	
WHEELS:			
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	Size	22.5" x 7.5"	
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White	
	Size	22.5" x 7.5"	

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

SuperCab Chassis Cab (167", 179" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/37,000
POWERTRAIN:		50-state certified
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)
Transmission	Type	Ford TorqShift Heavy-duty
	Speeds	6-speed Automatic Overdrive
Clutch	Type	None
	Diameter	—
Front Axle	Type	Dana I-beam Type
	Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	Type	Single Reduction, Open
	Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	Type	SPL-140
BRAKES:		
System	Type	Hydraulic, Split System, Automatic Adjustment
Front	Type	15.00" x 1.44" Cast Disc
Rear	Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type
ELECTRICAL:		
Alternator	Rating	Denso SC5, 200 Amperes
Battery	Type	Motorcraft® 12-volt Maintenance-free
	Rating	Dual, 750 CCA (1500 CCA Total)
	Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab
FUEL TANK:	Capacity	65.0-gallon, Single, H Rectangular Aluminum
STEERING:	Type	Integral Power, ZF/Bosch ZN4

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type Single Channel 80,000 PSI Steel
	Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000 lbs.
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Crew Cab Chassis Cab (182" — 278" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		20,500/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	Type	SPL-140	SPL-140
BRAKES:			
System	Type	Hydraulic, Split System, Automatic Adjustment	
Front	Type	15.00" x 1.44" Cast Disc	
Rear	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	Rating	Denso SC5, 200 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	Dual, 750 CCA (1500 CCA Total)	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab	
FUEL TANK:	Capacity	65.0-gallon, Single, LH Rectangular Aluminum	

STEERING:	Type	Integral Power, ZF/Bosch ZN4	
	Ratio	18.8:1 (8500-lbs. FGAWR w/8.5" frame); 18.9:1 (8500-lbs. FGAWR w/9.5" frame)	
SUSPENSION:			
Frame	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight “C” 50,000 PSI Steel
	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	Type	Multi-leaf	
	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Crew Cab Chassis Cab (182" WB) — Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-650 Tractor	F-750 Tractor
GVWR (lbs.):		27,500/29,000	30,200/37,000
POWERTRAIN:		50-state certified	
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	10,000 lbs.	
Rear Axle	Type	Single Reduction, GenTech Quiet Gears with 190 Wheel Ends	Single Reduction, Open
	Capacity (Rating @ Ground)	17,500 lbs.	21,000 lbs.
Driveshaft	Type	SPL-140	
BRAKES:			
System	Type	Air Brakes, Meritor Q-Plus with ABS	
Front	Type	15.0" x 4.0"	
Rear	Type	16.5" x 7.0"	
Anti-Lock System		Bendix® Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		Mechanical Spring-applied with Air Release	
ELECTRICAL:			
Alternator	Rating	Denso SC5, 200 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	Dual, 750 CCA (1500 CCA Total)	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single, Horizontal Muffler, Right-hand, Right Side Under Cab Outside Frame Rail with Rear, Underbody Exit, Switchback-style	
FUEL TANK:	Capacity	65.0-gallon, Single, LH Rectangular Aluminum	
STEERING:	Type	Integral Power, ZF/Bosch ZN4	

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type, Single Channel 120,000 PSI Steel
	Section Modulus (cu. in.)	14.18
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	19,000 lbs. 21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply Rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply Rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Crew Cab Chassis Cab (182" — 266" WB)

— Diesel Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Diesel

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/37,000
POWERTRAIN:		50-state certified
Engine	Type	6.7L Power Stroke V8 (270 hp @ 2400 rpm, 675 lb.-ft. Torque @ 1600 rpm, 3200 rpm Governed Speed)
Transmission	Type	Ford TorqShift Heavy-duty
	Speeds	6-speed Automatic Overdrive
Clutch	Type	None
	Diameter	—
Front Axle	Type	Dana I-beam Type
	Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	Type	Single Reduction, Open
	Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	Type	SPL-140
BRAKES:		
System	Type	Hydraulic, Split System, Automatic Adjustment
Front	Type	15.00" x 1.44" Cast Disc
Rear	Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type
ELECTRICAL:		
Alternator	Rating	Denso SC5, 200 Amperes
Battery	Type	Motorcraft® 12-volt Maintenance-free
	Rating	Dual, 750 CCA (1500 CCA Total)
	Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Aftertreatment Device, Aluminized Steel, Frame-mounted Right Side, Back of Cab
FUEL TANK:	Capacity	65.0-gallon, Single, LH Rectangular Aluminum
STEERING:	Type	Integral Power, ZF/Bosch ZN4

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type Single Channel 80,000 PSI Steel
	Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000 lbs.
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Regular Chassis Cab (158" — 260" WB)

— Gas Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Gasoline

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		22,000/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. of Torque @ 3000 rpm)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	8500 lbs.	8500/10,000 (optional) lbs.
Rear Axle	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	Type	SPL-100	SPL-100
BRAKES:			
System	Type	Hydraulic, Split System, Automatic Adjustment	
Front	Type	15.00" x 1.44" Cast Disc	
Rear	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	Rating	Mitsubishi, 175 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	900 CCA	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction	
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Steel	
STEERING:	Type	Integral Power, ZF/Bosch ZN4	

	Ratio	18.8:1 (8500-lbs. FGAWR w/8.5" frame); 18.9:1 (8500-lbs. FGAWR w/9.5" frame); 19.0:1 (10,000-lbs. FGAWR)	
SUSPENSION:			
Frame	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight “C” 50,000 PSI Steel
	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	Type	Multi-leaf	
	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Regular Cab Chassis Cab (158" — 281" WB) — Gas Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Gasoline

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/33,000
POWERTRAIN:		50-state certified
Engine	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. Torque @ 3000 rpm)
Transmission	Type	Ford TorqShift Heavy-duty
	Speeds	6-speed Automatic Overdrive
Clutch	Type	None
	Diameter	—
Front Axle	Type	Dana I-beam Type
	Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	Type	Single Reduction, Open
	Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	Type	SPL-100
BRAKES:		
System	Type	Hydraulic, Split System, Automatic Adjustment
Front	Type	15.00" x 1.44" Cast Disc
Rear	Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	Rating	Mitsubishi, 175 Amperes
Battery	Type	Motorcraft 12-volt Maintenance-free
	Rating	900 CCA
	Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Steel
STEERING:	Type	Integral Power, ZF/Bosch ZN4

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type, Single Channel 80,000 PSI Steel
	Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

SuperCab Chassis Cab (179" — 281" WB)

— Gas Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Gasoline

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/33,000
POWERTRAIN:		50-state certified
Engine	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. Torque @ 3000 rpm)
Transmission	Type	Ford TorqShift Heavy-duty
	Speeds	6-speed Automatic Overdrive
Clutch	Type	None
	Diameter	—
Front Axle	Type	Dana I-beam Type
	Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	Type	Single Reduction, Open
	Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	Type	SPL-100
BRAKES:		
System	Type	Hydraulic, Split System, Automatic Adjustment
Front	Type	15.00" x 1.44" Cast Disc
Rear	Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	Rating	Mitsubishi, 175 Amperes
Battery	Type	Motorcraft 12-volt Maintenance-free
	Rating	900 CCA
	Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Steel
STEERING:	Type	Integral Power, ZF/Bosch ZN4

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type, Single Channel 80,000 PSI Steel
	Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply Rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply Rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

SuperCab Chassis Cab (179" — 263" WB)

— Gas Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Gasoline

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		22,000/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. of Torque @ 3000 rpm)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	Type	SPL-100	SPL-100
BRAKES:			
System	Type	Hydraulic, Split System, Automatic Adjustment	
Front	Type	15.00" x 1.44" Cast Disc	
Rear	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	Rating	Mitsubishi, 175 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	900 CCA	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction	
FUEL TANK:	Capacity	50.0-gallon, Single, LH Rectangular Steel	
STEERING:	Type	Integral Power, ZF/Bosch ZN4	

	Ratio	18.8:1 (w/8.5" frame); 18.9:1 (w/9.5" frame)	
SUSPENSION:			
Frame	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight “C” 50,000 PSI Steel
	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	Type	Multi-leaf	
	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Crew Cab Chassis Cab (182" — 266" WB)

— Gas Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Gasoline

DRIVE:		F-750 Straight Frame
GVWR (lbs.):		30,200/33,000
POWERTRAIN:		50-state certified
Engine	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. Torque @ 3000 rpm)
Transmission	Type	Ford TorqShift Heavy-duty
	Speeds	6-speed Automatic Overdrive
Clutch	Type	None
	Diameter	—
Front Axle	Type	Dana I-beam Type
	Capacity (Rating @ Ground)	10,000 lbs.
Rear Axle	Type	Single Reduction, Open
	Capacity (Rating @ Ground)	21,000 lbs.
Driveshaft	Type	SPL-100
BRAKES:		
System	Type	Hydraulic, Split System, Automatic Adjustment
Front	Type	15.00" x 1.44" Cast Disc
Rear	Type	15.00" x 1.44" Cast Disc
Anti-Lock System		Four-channel Anti-Lock Braking System
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control
ELECTRICAL:		
Alternator	Rating	Mitsubishi, 175 Amperes
Battery	Type	Motorcraft 12-volt Maintenance-free
	Rating	900 CCA
	Box Location	Right Side Under Cab
EXHAUST:	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction
FUEL TANK:	Capacity	60.0-gallon, Single, LH Rectangular Steel
STEERING:	Type	Integral Power, ZF/Bosch ZN4

	Ratio	19.0:1
SUSPENSION:		
Frame	Type	Ladder Type, Single Channel 80,000 PSI Steel
	Section Modulus (cu. in.)	15.14
Shock Absorbers, Front	Type	1.42" Dia. Double-acting
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf
	Rating @ Ground (min.)	10,000
Springs, Rear	Type	Multi-leaf
	Rating @ Ground (min.)	21,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear
TIRES:		
Front	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
Rear	Type	Goodyear G661 HSA
	Size	11R22.5G (14-ply rated)
WHEELS:		
Front	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"
Rear	Type	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Crew Cab Chassis Cab (182" — 266" WB)

— Gas Engine Models

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Standard Equipment — Gasoline

DRIVE:		F-650 Pro Loader	F-650 Straight Frame
GVWR (lbs.):		22,000/26,000	25,600/29,000
POWERTRAIN:		50-state certified	
Engine	Type	Ford 6.8L V10 (320 hp @ 3900 rpm, 460 lb.-ft. of Torque @ 3000 rpm)	
Transmission	Type	Ford TorqShift Heavy-duty	
	Speeds	6-speed Automatic Overdrive	
Clutch	Type	None	
	Diameter	—	
Front Axle	Type	Dana I-beam Type	
	Capacity (Rating @ Ground)	8500 lbs.	
Rear Axle	Type	Single Reduction with GenTech Quiet Gears, Synthetic Lube and 190 Wheel Ends	
	Capacity (Rating @ Ground)	13,500 lbs.	17,500 lbs.
Driveshaft	Type	SPL-100	SPL-100
BRAKES:			
System	Type	Hydraulic, Split System, Automatic Adjustment	
Front	Type	15.00" x 1.44" Cast Disc	
Rear	Type	15.00" x 1.44" Cast Disc	
Anti-Lock System		Four-channel Anti-Lock Braking System	
Parking Brake (Rear Brakes)		12" x 3" Rear Axle-mounted Parking Brake (Bosch) DSSA Type with Lever Control	
ELECTRICAL:			
Alternator	Rating	Mitsubishi, 175 Amperes	
Battery	Type	Motorcraft® 12-volt Maintenance-free	
	Rating	900 CCA	
	Box Location	Right Side Under Cab	
EXHAUST:	Type	Single Horizontal Muffler, Catalytic Converter, Frame-mounted Right Side, Back of Cab, Downward-facing Outlet Tip, Stainless Steel Construction	
FUEL TANK:	Capacity	60.0-gallon, Single, LH Rectangular Steel	
STEERING:	Type	Integral Power, ZF/Bosch ZN4	

	Ratio	18.8:1 (w/8.5" frame); 18.9:1 (w/9.5" frame)	
SUSPENSION:			
Frame	Type	Ladder Type Single Channel — Tapered 80,000 PSI Steel	Ladder Type Single Channel — Straight “C” 50,000 PSI Steel
	Section Modulus (cu. in.)	10.75	12.64
Shock Absorbers, Front	Type	1.42" Dia. Double-acting	
Springs, Front	Type	3.15" x 62" Parabolic Taper-leaf	
	Rating @ Ground (min.)	8500 lbs.	
Springs, Rear	Type	Multi-leaf	
	Rating @ Ground (min.)	15,500 lbs.	19,000 lbs.
WHEEL SEALS:	Type	Stemco Front and Rear	
TIRES:			
Front	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
Rear	Type	Hankook AH11	Goodyear G661 HSA
	Size	245/70R19.5G (14-ply rated)	11R22.5G (14-ply rated)
WHEELS:			
Front	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"
Rear	Type	8-hole Steel Disc, Hub-piloted, Powder-coated White	10-hole Steel Disc, Hub-piloted, Powder-coated White
	Size	19.5" x 6.75"	22.5" x 7.5"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Front Axle Specifications

[Specs](#) > Axles

Regular/Super/Crew Cab Chassis Model		43A	43B	43C	43D
Manufacturer		Dana/Spicer®	Dana/Spicer	Dana/Spicer	Dana/Spicer
Max. Rating @ Ground (lbs.)		8,500	10,000	12,000	14,000
Axle	Type	I-beam w/Kingpin Spindles	I-beam w/Kingpin Spindles	I-beam w/Kingpin Spindles	I-beam w/Kingpin Spindles
	Material	Forged Steel	Forged Steel	Forged Steel	Forged Steel
	Spring Centers (in.)	35.0	35.0	35.0	35.0
Kingpins	Bushing Material	Bronze	Bronze	Bronze	Bronze
Spindle	Material	Steel	Steel	Steel	Steel
Wheel Bearings	Type	Tapered Roller	Tapered Roller	Tapered Roller	Tapered Roller

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Rear Axle Specifications

[Specs](#) > Axles

Regular/Super/Crew Cab Chassis/Model		471	472	474	475
Make		Dana/Spicer®	Dana/Spicer	Dana/Spicer	Dana/Spicer
Max. Rating @ Ground (lbs.)		13,500	17,500	19,000	21,000
Type		Single	Single	Single	Single
Housing	Type	Fabricated	Fabricated	Fabricated	Fabricated
Lubricant Capacity (pt.)		19.0	19.0	19.0	27.9
Wheel Bearings	Type	Tapered	Tapered	Tapered	Tapered
Gears	Type	Hypoid	GenTech	GenTech	Hypoid
Ring Gear	Pitch Diameter (in.)	13.4	13.4	13.4	15.0
Differential	Type	Open	Open	Open	Open
Axle Shaft	Minimum Diameter (in.)	1.81	1.81	1.81	1.89
	No. of Splines (Hub End)	39	39	39	41

Regular/Super/Crew Cab Chassis/Model		476	477	479
Make		Dana/Spicer	Dana/Spicer	Dana/Spicer
Max. Rating @ Ground (lbs.)		21,000	21,000	23,000
Type		Single	2-speed	Single
Housing	Type	Fabricated	Fabricated	Fabricated
Lubricant Capacity (pt.)		27.9	35.1	37.0
Wheel Bearings	Type	Tapered	Tapered	Tapered
Gears	Type	Hypoid	Hypoid	Hypoid
Ring Gear	Pitch Diameter (in.)	15.0	17.0	17.7
Differential	Type	Driver Control — Locking	Open	Open
Axle Shaft	Minimum Diameter (in.)	1.89	1.87	2.06
	No. of Splines (Hub End)	41	41	46

Regular/Super/Crew Cab Chassis/Model		47P	47X
Make		Dana/Spicer	Dana/Spicer
Max. Rating @ Ground (lbs.)		23,000	26,000
Type		Single	Single

Housing	Type	Fabricated	Fabricated
Lubricant Capacity (pt.)		37.0	37.0
Wheel Bearings	Type	Tapered	Tapered
Gears	Type	Hypoid	Hypoid
Ring Gear	Pitch Diameter (in.)	17.7	18.5
Differential	Type	Driver Control — Locking	Open
Axle Shaft	Minimum Diameter (in.)	2.06	2.25
	No. of Splines (Hub End)	46	46

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Hydraulic Brake Equipment Specifications — Front/Rear Disc

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Type	Axle (lbs.)	Rotor Dia. (in.)	Lining Thickness (in.)	Caliper Piston No. Dia.	Lining Area Per Axle/Wheel (sq. in.)	Total Swept Area Per Axle (sq. in.)
		OD Thickness				
Front	8,500	15.00 x 1.44	.49	4/70 mm (2.8")	41.7	41.7
	10,000/12,000/ 13,200	15.00 x 1.44	.74	4/70 mm (2.8")	41.7	41.7
Rear	15,500 ⁽¹⁾	15.00 x 1.44	.49	4/70 mm (2.8")	41.7	83.4
	17,500/19,000/ 21,000/23,000	15.00 x 1.44	.74	4/70 mm (2.8")	41.7	83.4

(1) 4/64 mm on rear with 19.5" tire option.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Hydraulic Brake Master Cylinder Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Type	Model/Series	Piston Dia. (in.)	Stroke (in.)	Fluid Displacement Ratio (prim./sec.)	Nominal Displacement (prim./sec.) (cu. in.)
Dual System, Dash-mounted	All	2.00	2.25	50 Frt./50 Rr.	3.35/3.35

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Air Brake Equipment Specifications — Front Drum

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Type	Axle (lbs.)	Shoe/Pad Length x Width (in.)	Lining Thickness (in.)	Drum Area Per Axle (sq. in.)	Chamber/Diaphragm Area (sq. in.)	Dust Shield
Meritor/Q-Plus S-Cam	8,500 10,000/ 12,000/ 13,200	15.00 x 4.00	.73	230	20	Removable
	14,000	16.50 x 7.00	.73	420	20	Removable

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Air Brake Equipment Specifications — Rear Drum

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Type	Axle (lbs.)	Shoe/Pad Length x Width (in.)	Lining Thickness (in.)	Drum Area Per Axle (sq. in.)	Chamber Diaphragm Area (sq. in.)	Dust Shield
Meritor/Q-Plus S-Cam	17,500	15.00 x 8.63	.85	440	30	Removable
	19,000/ 21,000/ 23,000	16.50 x 7.00	.85	440	30	Removable

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Hydraulic Brake Booster Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Type	Model/Series	Mounting	Booster Stroke (in.)
Bosch/Hydromax II	All	To cowl with master cylinder	2.468

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Air Compressor Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Make	CFM	Compressor Size (Bore x Stroke) (in.)	Cooling	Lubrication	Drive
Bendix®	13.2	Twin 2.78 x 1.50	Water	Engine Oil	Pulley

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Air Brake Air Dryer Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Make/Model	Dimensions Height x Diam. (in.)	Weight	Remarks
Bendix®/AD-IP	12.0 x 8.0	24 lbs.	Heated, Internal Purge

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Air Brake Slack Adjuster Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Brakes

Axle	Make	Description
Front and Rear	Meritor®	5.5" length

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Bumper Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#)

Size	Material	Finish
Full-width	0.1875" thick steel	Painted, Carbon Black
Full-width	0.1875" thick steel	Plated, Chrome

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Cooling System Specifications

Specs

Engine	Trans.	Radiator Area (sq. in.)	Core Thickness (in.)	Total Number of Tubes	Fins Per Inch	System Capacity Qts. (liters)	Fan Blades	Blade Dia. (in.)	Clutch Type
6.7L HT	Ford	993	1.65	88	15	35.1 (33.2)	9	26.0	Viscous
6.7L LT	Ford	832	2.17	66	18.5	15.3 (14.5)	NA	NA	NA
6.8L	Ford	993	1.65	88	15	28.8 (27.3)	8	20.0	Viscous

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Air Conditioning Specifications

Specs

Make	Refrigerant	Compressor	Condenser Location	Evaporator Location
Ford	R-134A	HVCC	Radiator-mounted	RH Under Instrument Panel

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Heater and Defroster Specifications

Specs

Make	Blower Motor	Heater Core Location	Air Intake	Water Shutoff to Heat
Ford	7-speed, Wired to Ignition	In-cab, RH Side	Fresh Air; Top of Cowl	None

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Fuel System Data

2017 F-650/F-750 Super Duty Chassis
Cabs

Specs

Engine	Injection Method	Fuel Pump/Location	Fuel Filter/Location	Air Cleaner
Ford 6.7L	Direct, High-pressure Pump	Mechanical/Engine-mounted	Spin-on/Cylinder Head	Dry Type
Ford 6.8L	SEFI	Fuel Tank	In-tank	Dry Type

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Steering Specifications

[Specs](#) > Steering

Cab Style	Wheelbase (in.)	8.5K Axle Turning Radius				10K/12K/14K Axle Turning Radius			
		To Curb		To Wall		To Curb		To Wall	
		ft.	in.	ft.	in.	ft.	in.	ft.	in.
Regular Cab	146	20	9	22	4	20	6	22	1
	158	22	3	23	10	21	11	23	7
	176	24	5	26	1	24	2	25	9
	182	25	2	26	9	24	10	26	6
	194	26	8	28	3	26	4	27	11
	200	27	5	29	0	27	0	28	8
	212	28	1	29	9	28	1	29	9
	218	28	10	30	6	28	10	30	6
	224	29	7	31	2	29	7	31	2
	230	30	3	31	11	30	3	31	11
	242	31	8	33	4	31	8	33	4
	260	33	10	35	6	33	10	35	6
	281	36	4	38	0	36	4	38	0
SuperCab	167	23	4	24	11	23	1	24	8
	179	24	10	26	5	24	6	26	1
	197	27	0	28	8	26	8	28	3
	203	27	1	28	8	27	1	28	8
	215	28	6	30	1	28	6	30	1
	221	29	2	30	10	29	2	30	10
	233	30	8	32	3	30	8	32	3
	239	31	4	33	0	31	4	33	0
	245	32	1	33	8	32	1	33	8
	251	32	9	34	5	32	3	34	5
	263	34	3	35	10	34	3	35	10
	281	36	4	38	0	36	4	38	0
Crew Cab	182	25	2	26	9	24	10	26	6
	194	26	8	28	3	26	4	27	11

212	28	1	29	9	28	1	29	9
218	28	10	30	6	28	10	30	6
230	30	3	31	11	30	3	31	11
236	31	0	32	7	31	0	32	7
248	32	5	34	1	32	5	34	1
254	33	2	34	9	33	2	34	9
260	33	10	35	6	33	10	35	6
266	34	7	36	3	34	7	36	3
278	36	0	37	8	36	0	37	8

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Power Steering Pump Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Steering

Engine	Manufacturer/Model	Reservoir Capacity (max.)	Pump Drive
All	ZF/Bosch ZN4	5.0 – 5.5L	Belt

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Frame Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Suspensions

Frame Order Code	Type	Dimensions D x W x Thickness (in.)	Yield Strength (psi)	Material (Notes)	Nominal Section Modulus (cu. in.)	Nominal Resisting Bending Moment (in.-lb.)
537	Straight Channel Side Rail with Kick-up at Rear Suspension Rearward ⁽¹⁾	9.125 x 3.062 x 0.312	80,000	A	10.75	860,000
533	Straight Channel Side Rail	9.125 x 3.062 x 0.312	80,000	A	10.75	860,000
534	Straight Channel Side Rail	10.125 x 3.062 x 0.312	50,000	A	12.64	632,000
535	Straight Channel Side Rail	10.250 x 3.092 x 0.375	80,000	A	15.14	1,211,000
536	Straight Channel Side Rail	10.125 x 3.580 x 0.312	120,000	B	14.18	1,702,000
539	Straight Channel Side Rail	10.375 x 3.705 x 0.438	120,000	B	20.11	2,413,000
41R	Straight Channel Side Rail — Full Channel Outer “C” Channel Reinforcement	10.876 x 3.892 x 0.312	120,000	B	29.20 ⁽²⁾	3,504,000

(1) Kick-up rail section is 6.50" in depth.

(2) Section modulus value includes base frame rail, code 536.

Notes:

A = High-strength, low-alloy steel

B = Heat-treated alloy steel

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Shock Absorber Specifications — Front Only

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Suspensions

Model	Wheelbase (in.)	Usage	No. Used	Piston Dia. (in.)	Type
All	All	Std.	2	1.42	Double-acting

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Shock Absorber Specifications — Rear Steel Suspension Only

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Suspensions

Model	Wheelbase (in.)	Usage	No. Used	Piston Dia. (in.)	Type
All	All	Opt.	2	1.42	Double-acting

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Shock Absorber Specifications — Rear Only (with air suspension)

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Suspensions

Model	Wheelbase (in.)	Usage	No. Used	Piston Dia. (in.)	Type
All	All	Std.	2	1.38	Double-acting
All	All	Std. High Torque Application	2	1.63	Double-acting

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Spring Specifications — Front Leaf

2017 F-650/F-750 Super Duty Chassis Cabs

[Specs](#) > Suspensions

Series/Model	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Thickness @ Pad (in.)	Active Length (in.) x Width (in.)	Deflection Rate (Installed) (lb./in.)
All	8,500	2	3.62	62.0 x 3.15	1027
	10,000	2	3.58	62.0 x 3.15	1147
	12,000	2	3.60	62.0 x 3.15	1521
	13,200	3	3.60	62.0 x 3.15	1593
	14,000	3	3.66	62.0 x 3.15	1705

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Spring Specifications — Rear Leaf

[Specs](#) > Suspensions

Series/Model	Combined Rating @ Ground (lbs.)	No. of Leaves	Total Thickness @ Pad (in.)	Active Length (in.) x Width (in.)	Deflection Rate (Installed) (lb./in.)
F-650 with Kick-up Frame	15,500	10	7.18	54.3 x 3.0	3540 (4990 Aux. Leaf Eng.)
All F-650	19,000	11	7.75	54.3 x 3.0	4026 (5476 Aux. Leaf Eng.)
F-650 with Straight Frame and All F-750	21,000	11	8.03	54.3 x 3.0	4743 (6193 Aux. Leaf Eng.)
All F-750	23,000	11	8.30	54.3 x 3.0	5290 (6740 Aux. Leaf Eng.)
	31,000	11	9.06	54.3 x 3.0	7810 (9260 Aux. Leaf Eng.)

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Tire Specifications⁽¹⁾ — 19.5" Wheel Configurations

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Tires and Wheels

		Max. Tire and Wheel Capacity per Axle (lb.) @ PSI	
Size	Wheel Width (in.) and Type	Front	Rear
245/70R19.5G	6.75, 8-stud steel	9080 @ 110	17,200 @ 110
	7.50, 10-stud steel	9080 @ 110	17,200 @ 110
	7.50, 10-stud aluminum	9080 @ 110	17,200 @ 110
245/70R19.5H	6.75, 8-stud steel	9880 @ 115	18,700 @ 115
	7.50, 10-stud steel	9880 @ 115	18,700 @ 115
	7.50, 10-stud aluminum	9880 @ 115	18,700 @ 115
265/70R19.5G	6.75, 8-stud steel	10,140 @ 110	18,700 @ 110
	7.50, 10-stud steel	10,140 @ 110	18,700 @ 110
	7.50, 10-stud aluminum	10,140 @ 110	18,700 @ 110

(1) Some tires may be discontinued or require substitution. Refer to Commercial Vehicle Tools (CVT) for current availability.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Tire Specifications⁽¹⁾ — 22.5" Wheel Configurations

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Tires and Wheels

Size	Wheel Width (in.) and Type	Max. Tire and Wheel Capacity per Axle (lb.) @ PSI	
		Front	Rear
11R22.5G	7.50, 10-stud steel	12,350 @ 105	23,360 @ 105
	8.25, 10-stud steel	12,350 @ 105	23,360 @ 105
	8.25, 10-stud aluminum	12,350 @ 105	23,360 @ 105
11R22.5H	7.50, 10-stud steel	13,220 @ 120	24,020 @ 120
	8.25, 10-stud steel	13,220 @ 120	24,020 @ 120
	8.25, 10-stud aluminum	13,220 @ 120	24,020 @ 120
255/70R22.5H	7.50, 10-stud steel	11,020 @ 120	20,280 @ 120
	8.25, 10-stud steel	11,020 @ 120	20,280 @ 120
	8.25, 10-stud aluminum	11,020 @ 120	20,280 @ 120
275/80R22.5G	7.50, 10-stud steel	12,350 @ 110	22,700 @ 110
	8.25, 10-stud steel	12,350 @ 110	22,700 @ 110
	8.25, 10-stud aluminum	12,350 @ 110	22,700 @ 110
275/80R22.5H	7.50, 10-stud steel	14,330 @ 120	26,455 @ 120
	8.25, 10-stud steel	14,330 @ 120	26,455 @ 120
	8.25, 10-stud aluminum	14,330 @ 120	26,455 @ 120
295/80R22.5H	7.50, 10-stud steel	15,660 @ 120	27,760 @ 120
	8.25, 10-stud steel	15,660 @ 120	27,760 @ 120
	8.25, 10-stud aluminum	15,660 @ 120	27,760 @ 120

(1) Some tires may be discontinued or require substitution. Refer to Commercial Vehicle Tools (CVT) for current availability.

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Wheel Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Tires and Wheels

Wheel Type	Position	Wheel Size	No. of Studs	Bolt Circle mm (in.)
Steel, Powder-coated White	Front	19.5" x 6.75"	8	275 (10.83)
Steel, Powder-coated White	Rear	19.5" x 6.75"	8	275 (10.83)
Steel, Powder-coated White	Front	19.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Rear	19.5" x 7.50"	10	285.5 (11.25)
Aluminum, Polished	Front	19.5" x 7.50"	10	285.5 (11.25)
Aluminum, Polished	Rear	19.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Front	22.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Rear	22.5" x 7.50"	10	285.5 (11.25)
Steel, Powder-coated White	Front	22.5" x 8.25"	10	285.5 (11.25)
Steel, Powder-coated White	Rear	22.5" x 8.25"	10	285.5 (11.25)
Aluminum, Polished	Front	22.5" x 8.25"	10	285.5 (11.25)
Aluminum, Polished	Rear	22.5" x 8.25"	10	285.5 (11.25)

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Automatic Transmission Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

[Specs](#) > Transmission

Make/Type	Ford TorqShift Heavy-duty 6-speed Automatic
Torque Capacity (lb.-ft.) Net	
Ratios (to 1):	
1st	3.97
2nd	2.31
3rd	1.51
4th	1.14
5th	0.85
6th	0.67
Reverse	3.12
Gears — Type	
Fluid Capacity (qts.)	Diesel: 16.3 Gas: 17.4
Oil System	Sump
Filter	Internal High-efficiency
Power Takeoff (PTO) Provision Data:	
Opening	SAE 6-bolt LH
Gear Ratio	1.00:1
Rating	Diesel: 250 lb.-ft. (Stationary Mode) 150 lb.-ft. (Mobile Mode) Gas: 250 lb.-ft. (Stationary Mode) 125 lb.-ft. (Mobile Mode)

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Universal Joint Driveshaft Specifications

2017 F-650/F-750 Super Duty Chassis
Cabs

Specs

Transmission	U-joint/Driveshaft
Ford	SPL-100 (Gasoline and Diesel)
Ford	SPL-140 (Diesel Only)

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.

Windshield Wipers

2017 F-650/F-750 Super Duty Chassis
Cabs

Specs

Make	Arm Length	Blade Length
Trico	22.25"	19.0"

NOTE: For product features, please see Models & Packages and/or the Dealer Ordering Guide for availability.